

CLAIMS

1. A kitchen appliance, particularly a mixing-chopping device, including a housing (14) and a drive motor (16) arranged therein for driving a tool shaft (12), with a fan vane (40) coupled to the drive motor (16) for generating a flow of cooling air (8) through the housing (14), and with an air duct (38) arranged in the floor area (50) of the housing (14), characterised by an air duct (38) that is conformed integrally with housing (14) of the electrical device (10).
2. The kitchen appliance as cited in claim 1, characterised in that the air duct (38) is arranged in a housing floor (50).
3. The kitchen appliance as cited in claim 1 or 2, characterised in that the air duct (38) is conformed as a slot-shaped opening (56).
4. The kitchen appliance as cited in claim 1, characterised in that the air duct (38) is arranged in a lateral, lower area of the housing (14).
5. The kitchen appliance as cited in any of claims 1 to 4, characterised in that a barrier wall (44) is arranged in the housing (14) above the air duct (38).
6. The kitchen appliance as cited in any of claims 1 to 5, characterised in that the flow of cooling air (8) passes from top to bottom through housing (14) and through drive motor (16).
7. The kitchen appliance as cited in any of claims 1 to 6, characterised in that the fan vane (40) generating the flow of cooling air (8) is arranged close to the air duct (38).
8. The kitchen appliance as cited in any of claims 1 to 7, characterised in that the fan vane (40) is arranged on a lower shaft stub (42) of the driven shaft (36) of the drive motor (16).

9. The kitchen appliance as cited in any of claims 1 to 8, characterised in that an air inlet (34) is arranged on a top side (15) of the housing (14).
10. The kitchen appliance as cited in any of claims 1 to 9, characterised in that the air duct (38) has a sectional rectangular profile and is delimited laterally by a partition wall (58) of the housing (14).
11. The kitchen appliance as cited in any of claims 1 to 10, characterised in that a covering (48) at least partially encloses the fan vane (40) radially and/or axially and on one side is radially adjacent the air duct (38).
12. The kitchen appliance as cited in claim 11, characterised in that the covering (48) forms a lower support for driven shaft (36) of drive motor (16) in housing (14).
13. The kitchen appliance as cited in either of claims 11 or 12, characterised in that the covering (48) is supported via a damping ring (60) in the housing (14).
14. The kitchen appliance as cited in any of claims 1 to 13, characterised in that when the housing (14) is mounted on the housing base (50) the air duct (38) is closed off laterally by a vertical housing wall, particularly a back wall (62).
15. A method for manufacturing a kitchen appliance as cited in any of claims 1 to 14, characterised in that at least the housing (14) is produced in an injection moulding process.
16. The method as cited in claim 15, characterised in that the housing base (50) is produced in an injection moulding process.
17. The method as cited in either of claims 15 or 16, characterised in that the air duct (38) is created by means of a removable core in an injection moulding die.